

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	319569	(lamp luminaire).ab,ti,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:03
L2	50	1 and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane).bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5 capsule).bi. and (inert rare helium neon argon krypton xenon).bi. near6 gas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 13:44
L3	66	1 and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane).bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5 capsule).bi. and ((inert rare) near6 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 13:50
L4	66	1 and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4"\$3 "Si.sub.2 H.sub.6"\$3 "Si.sub.2H.sub.6"\$3 "Si.sub.3 H.sub.8"\$3 "Si.sub.3H.sub.8"\$3 "Si.sub.4 H.sub.10"\$3 "Si.sub.4H.sub.10"\$3 (mono di tri tetra) adj silane).bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5 capsule).bi. and ((inert rare) near6 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:03

L5	23	4 and (atomic adj ratio mole)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 13:51
L6	0	4 and (atomic adj ratio mole) near5 halogen\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 13:51
L7	6	4 and (atomic adj ratio mole) near5 silicon\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 13:52
L8	6	4 and (atomic adj ratio mole) near5 (Si silicon)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:00
L9	6	4 and (atomic adj ratio mole) near5 (Si silicon bromide flurodie br f iodide chloride cl I)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:00
L10	302387	(lamp luminaire).ab,ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:03
L11	19	10 and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4"\$3 "Si.sub.2 H.sub.6"\$3 "Si.sub.2H.sub.6"\$3 "Si.sub.3 H.sub.8"\$3 "Si.sub.3H. sub.8"\$3 "Si.sub.4 H.sub.10"\$3 "Si.sub.4H.sub.10"\$3 (mono di tri tetra) adj silane).bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5 capsule).bi. and ((inert rare) near6 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:13

L12	0	10 and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4"\$3 "Si.sub.2 H.sub.6"\$3 "Si.sub.2H.sub.6"\$3 "Si.sub.3 H.sub.8"\$3 "Si.sub.3H.sub.8"\$3 "Si.sub.4 H.sub.10"\$3 "Si.sub.4H.sub.10"\$3 (mono di tri tetra) adj silane).bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) near5 (mass mole atomic) and (hydrogen adj bromide Hbr) with (mass mole atomic) and (envelope bulb vessel\$5 capsule).bi. and ((inert rare) near6 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:13
L13	0	10 and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4"\$3 "Si.sub.2 H.sub.6"\$3 "Si.sub.2H.sub.6"\$3 "Si.sub.3 H.sub.8"\$3 "Si.sub.3H.sub.8"\$3 "Si.sub.4 H.sub.10"\$3 "Si.sub.4H.sub.10"\$3 (mono di tri tetra) adj silane).bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) near5 (mass kg mole atomic) and (hydrogen adj bromide Hbr) near5 (mass kg mole atomic) and (envelope bulb vessel\$5 capsule). bi. and ((inert rare) near6 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:45
L14	0	10 and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4"\$3 "Si.sub.2 H.sub.6"\$3 "Si.sub.2H.sub.6"\$3 "Si.sub.3 H.sub.8"\$3 "Si.sub.3H.sub.8"\$3 "Si.sub.4 H.sub.10"\$3 "Si.sub.4H.sub.10"\$3 (mono di tri tetra) adj silane silane).bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) near5 (mass kg mole atomic) and (hydrogen adj bromide Hbr) near5 (mass kg mole atomic) and (envelope bulb vessel\$5 capsule). bi. and ((inert rare) near6 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:45

L15	0	10 and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4"\$3 "Si.sub.2 H.sub.6"\$3 "Si.sub.2H.sub.6"\$3 "Si.sub.3 H.sub.8"\$3 "Si.sub.3H.sub.8"\$3 "Si.sub.4 H.sub.10"\$3 "Si.sub.4H.sub.10"\$3 (mono di tri tetra) adj silane silane).bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) near5 (mass kg mole atomic) and (hydrogen adj bromide Hbr) near5 (mass kg mole atomic) and (envelope bulb vessel\$5 capsule tube).bi. and ((inert rare) near6 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:45
L16	0	10 and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4"\$3 "Si.sub.2 H.sub.6"\$3 "Si.sub.2H.sub.6"\$3 "Si.sub.3 H.sub.8"\$3 "Si.sub.3H.sub.8"\$3 "Si.sub.4 H.sub.10"\$3 "Si.sub.4H.sub.10"\$3 (mono di tri tetra) adj silane silane).bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) near8 (mass kg mole atomic) and (hydrogen adj bromide Hbr) near8 (mass kg mole atomic) and (envelope bulb vessel\$5 capsule tube).bi. and ((inert rare) near6 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:46
L17	0	10 and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4"\$3 "Si.sub.2 H.sub.6"\$3 "Si.sub.2H.sub.6"\$3 "Si.sub.3 H.sub.8"\$3 "Si.sub.3H.sub.8"\$3 "Si.sub.4 H.sub.10"\$3 "Si.sub.4H.sub.10"\$3 (mono di tri tetra) adj silane silane silicon near3 compound).bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) near8 (mass kg mole atomic) and (hydrogen adj bromide Hbr) near8 (mass kg mole atomic) and (envelope bulb vessel\$5 capsule tube).bi. and ((inert rare) near6 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:50

L18	50	((lpw lumen adj per adj watt "lm/W" "lm./W." luminous) near2 efficiency and tungsten and (halogen halide)) not ((lpw lumen adj per adj watt luminous) near2 efficiency and tungsten and (halogen halide))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:49
L19	4	18 and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4"\$3 "Si.sub.2 H.sub.6"\$3 "Si.sub.2H.sub.6"\$3 "Si.sub.3 H.sub.8"\$3 "Si.sub.3H.sub.8"\$3 "Si.sub.4 H.sub.10"\$3 "Si.sub.4H.sub.10"\$3 (mono di tri tetra) adj silane silane silicon near3 compound).bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:49
L20	707	((lpw lumen adj per adj watt "lm/W" "lm./W." luminous) near2 (efficiency efficacy) and tungsten and (halogen halide))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 15:03
L21	0	10 and (hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4"\$3 "Si.sub.2 H.sub.6"\$3 "Si.sub.2H.sub.6"\$3 "Si.sub.3 H.sub.8"\$3 "Si.sub.3H.sub.8"\$3 "Si.sub.4 H.sub.10"\$3 "Si.sub.4H.sub.10"\$3 (mono di tri tetra) adj silane silane silicon near3 compound).bi. near8 (mass kg mole atomic) and (halogen\$7 halid\$7 dibromomethane hydrogen adj bromide Hbr halosilane\$5) near8 (mass kg mole atomic) and (envelope bulb vessel\$5 capsule tube).bi. and ((inert rare) near6 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:57

L22	0	10 and (hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4"\$3 "Si.sub.2 H.sub.6"\$3 "Si.sub.2H.sub.6"\$3 "Si.sub.3 H.sub.8"\$3 "Si.sub.3H.sub.8"\$3 "Si.sub.4 H.sub.10"\$3 "Si.sub.4H.sub.10"\$3 (mono di tri tetra) adj silane silane silicon near3 compound).bi. near8 (mass kg mole atomic weight) and (halogen\$7 halid\$7 dibromomethane hydrogen adj (chloride fluoride iodide bromide) (HI HCL HF Hbr) halosilane\$5) near8 (mass kg mole atomic weight) and (envelope bulb vessel\$5 capsule tube).bi. and ((inert rare) near6 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 15:00
L23	0	10 and (hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4"\$3 "Si.sub.2 H.sub.6"\$3 "Si.sub.2H.sub.6"\$3 "Si.sub.3 H.sub.8"\$3 "Si.sub.3H.sub.8"\$3 "Si.sub.4 H.sub.10"\$3 "Si.sub.4H.sub.10"\$3 (mono di tri tetra) adj silane silane silicon near3 compound).bi. near8 (mass kg mole atomic weight) and (halogen\$7 halid\$7 "CH.sub.3Br" dibromomethane hydrogen adj (chloride fluoride iodide bromide) (HI HCL HF Hbr) halosilane\$5) near8 (mass kg mole atomic weight) and (envelope bulb vessel\$5 capsule tube).bi. and ((inert rare) near6 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 15:00



L24	0	10 and (hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4"\$3 "Si.sub.2 H.sub.6"\$3 "Si.sub.2H.sub.6"\$3 "Si.sub.3 H.sub.8"\$3 "Si.sub.3H.sub.8"\$3 "Si.sub.4 H.sub.10"\$3 "Si.sub.4H.sub.10"\$3 (mono di tri tetra) adj silane silane silicon near3 compound).bi. near8 (mass kg mole atomic weight) and (halogen\$7 halid\$7 "CH.sub.3Br" dibromomethane bromoform hydrogen adj (chloride fluoride iodide bromide) (HI HCL HF Hbr) halosilane\$5) near8 (mass kg mole atomic weight) and (envelope bulb vessel\$5 capsule tube).bi. and ((inert rare) near6 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 15:02
L25	1	(lpw lumen adj per adj watt "lm/W"."lm./W." luminous) near2 (efficiency efficacy) with (maintain\$4 constant) and tungsten and (hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4"\$3 "Si.sub.2 H.sub.6"\$3 "Si.sub.2H.sub.6"\$3 "Si.sub.3 H.sub.8"\$3 "Si.sub.3H.sub.8"\$3 "Si.sub.4 H.sub.10"\$3 "Si.sub.4H.sub.10"\$3 (mono di tri tetra) adj silane silane silicon near3 compound).bi. and (halogen\$7 halid\$7 "CH.sub.3Br" dibromomethane bromoform hydrogen adj (chloride fluoride iodide bromide) (HI HCL HF Hbr) halosilane\$5) and (envelope bulb vessel\$5 capsule tube).bi. and ((inert rare) near6 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 15:09

L26	1	(lpw lumen adj per adj watt "lm/W" "lm./W." luminous) near2 (efficiency efficacy) with (maintain\$4 constant) and tungsten and (hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4"\$3 "Si.sub.2 H.sub.6"\$3 "Si.sub.2H.sub.6"\$3 "Si.sub.3 H.sub.8"\$3 "Si.sub.3H.sub.8"\$3 "Si.sub.4 H.sub.10"\$3 "Si.sub.4H.sub.10"\$3 (mono di tri tetra) adj silane silane silicon near3 compound).bi. and (halogen\$7 halid\$7 "CH.sub.3Br" dibromomethane bromoform hydrogen adj (chloride fluoride iodide bromide) (HI HCL HF Hbr) halosilane\$5) and (envelope bulb vessel\$5 capsule tube).bi. and ((inert rare) near6 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 15:09
L27	1	26 and (lpw lumen adj per adj watt "lm/W" "lm./W." luminous) near2 (efficiency efficacy) with (maintain\$4 constant) and (hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4"\$3 "Si.sub.2 H.sub.6"\$3 "Si.sub.2H.sub.6"\$3 "Si.sub.3 H.sub.8"\$3 "Si.sub.3H.sub.8"\$3 "Si.sub.4 H.sub.10"\$3 "Si.sub.4H.sub.10"\$3 (mono di tri tetra) adj silane silane silicon near3 compound).bi. and (halogen\$7 halid\$7 "CH.sub.3Br" dibromomethane bromoform hydrogen adj (chloride fluoride iodide bromide) (HI HCL HF Hbr) halosilane\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 15:10
L28	72	(Yu near2 thomas sheth near2 shailesh savarino near2 gino terburg near2 bart).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/02 15:25
L29	0	28 and (efficiency).clm. and (maintain).clm. and lamp.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/02 15:26
L30	0	28 and (efficiency).clm. and (maintain).clm. and lamp.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 15:26



L31	0	28 and (efficiency).clm. and (maintain\$4).clm. and lamp.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 15:26
S1	3	("4898558" "5034658" "5109182").pn.	US-PGPUB; USPAT	OR	OFF	2004/07/05 10:07
S2	3	("4898558" "5034656" "5109182").pn.	US-PGPUB; USPAT	OR	OFF	2004/07/02 17:51
S3	3	"4335229".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/07/03 18:35
S4	2	"4355229".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/07/03 18:40
S5	1	1982-P5429E.NRAN.	DERWENT	OR	OFF	2004/07/03 18:35
S6	10	"4355229".URPN.	USPAT	OR	OFF	2004/07/03 18:35
S7	0	edison near2 thomas.xa.	US-PGPUB; USPAT; DERWENT	OR	ON	2004/07/03 18:40
S8	61	edison near2 thomas.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2004/07/03 18:41
S9	474	edison.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2004/07/03 18:41
S10	414	edison.in.	USPAT	OR	ON	2004/07/03 18:42
S11	39	hodges.xa.	USPAT	OR	ON	2004/07/03 18:44
S12	346	(313/578).CCLS.	USPAT; USOCR	OR	OFF	2004/07/03 18:44
S13	1999	(313/578,579,637,545-547,548, 643,557).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/05 10:08
S14	3	((313/578,579,637,545-547,548, 643,557).CCLS.) and silane and (halogen\$7 halid\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/05 10:09
S15	3	((313/578,579,637,545-547,548, 643,557).CCLS.) and (silane and (halogen\$7 halid\$7 dibromomethane) halosilane\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/05 11:23

S16	141	shaffer-john-w.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/05 10:33
S17	9	shaffer-john-w.in. and silane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/05 10:34
S18	9	shaffer-john-w.in. and silane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 11:14
S19	3	shaffer-john-w.in. and silane and (fluorine chlorine bromine iodine astatine)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 10:44
S20	0	"48898558".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 10:45
S21	2	"4898558".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 10:45
S22	7	shaffer-john-w.in. and silane and mixture	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 11:14
S23	5	shaffer-john-w.in. and silane same (mix\$5 mixture)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 11:22
S24	1	"4898558".URPN.	USPAT	OR	OFF	2004/07/05 11:19
S25	296	(lamp luminaire).ab,ti,clm. and (silane and (halogen\$7 halid\$7 dibromomethane) halosilane\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/05 11:25
S26	221	(lamp luminaire).ab,ti,clm. and (silane and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (ratio mixture)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/05 11:25

S27	273	(lamp luminaire).ab,ti,clm. and (silane and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (ratio mixture)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 11:25
S28	180	(lamp luminaire).ab,ti,clm. and (silane and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (ratio) and (mix \$4mixture mixture blend\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 11:26
S29	59	(lamp luminaire).ab,ti,clm. and (silane and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (ratio) same (mix \$4mixture mixture blend\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 11:26
S30	59	(lamp luminaire).ab,ti,clm. and (silane and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (ratio) same (mix \$4mixture mixture blend\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 11:28
S31	59	(lamp luminaire).ab,ti,clm. and (silane and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (ratio) same (mix \$4mixture mixture blend\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 11:31
S32	59	((lamp luminaire).ab,ti,clm. and (silane and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (ratio) same (mix \$4mixture mixture blend\$4)) and (ratio) same (mix \$4mixture mixture blend\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 11:31
S33	27	(lamp luminaire).ab,ti,clm. and (silane and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (ratio) same (mix \$4mixture mixture blend\$4) and (envelope bulb vessel\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 11:38
S34	27	((lamp luminaire).ab,ti,clm. and (silane and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (ratio) same (mix \$4mixture mixture blend\$4) and (envelope bulb vessel\$5)) and (ratio) same (mix \$4mixture mixture blend\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 11:31

S35	6	(lamp luminaire).ab,ti. and ((silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane).bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (ratio) same (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 11:42
S36	9	(lamp luminaire).ab,ti,clm. and ((silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane).bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (ratio) same (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5).bi. and (inert rare) near3 gas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 11:42
S37	9	(lamp luminaire).ab,ti,clm. and ((silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane).bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (ratio) same (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5).bi. and (inert rare helium neon argon krypton xenon).bi. near6 gas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 11:43
S38	9	(lamp luminaire).ab,ti,clm. and ((silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane).bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (ratio) same (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5).bi. and (inert rare helium neon argon krypton xenon).bi. near6 gas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 11:43

S39	42	(lamp luminaire).ab,ti,clm. and ((silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane).bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5).bi. and (inert rare helium neon argon krypton xenon).bi. near6 gas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 11:44
S40	15	(lamp luminaire).ab,ti. and ((silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5).bi. and (inert rare helium neon argon krypton xenon).bi. near6 gas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 11:45
S41	15	(lamp luminaire).ab,ti. and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5).bi. and (inert rare helium neon argon krypton xenon).bi. near6 gas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 12:56
S42	1	"1944825".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 13:33
S43	6	"1944825".URPN.	USPAT	OR	OFF	2004/07/05 13:47



S44	9	(lamp luminaire).ab,ti. and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5).bi. and (inert rare helium neon argon krypton xenon).bi. near6 gas and efficiency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 14:17
S45	0	(lamp luminaire).ab,ti. and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5).bi. and (inert rare helium neon argon krypton xenon).bi. near6 gas and efficiency near11 (lumen near2 watt lpw)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 14:18
S46	2	(lamp luminaire).ab,ti. and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and (halogen\$7 halid\$7 dibromomethane) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5).bi. and (inert rare helium neon argon krypton xenon).bi. near6 gas and (lumen near2 watt lpw)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 15:18
S47	2	"4898558".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 17:41



S48	155	(lpw lumen adj per adj watt) near2 efficiency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 16:03
S49	0	"4898558".pn. and luminous adj efficiency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 16:00
S50	23	(lpw lumen adj per adj watt) near2 efficiency and tungsten and (halogen halide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 16:11
S51	0	(lpw lumen adj per adj watt) near2 efficiency near4 (percent "%") and tungsten and (halogen halide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 16:10
S52	1	(lpw lumen adj per adj watt) near2 efficiency with (percent "%") and tungsten and (halogen halide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 16:11
S53	310	(lpw lumen adj per adj watt luminous) near2 efficiency and tungsten and (halogen halide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/06 20:26
S54	5	(lpw lumen adj per adj watt luminous) near2 efficiency near4 (percent "%") and tungsten and (halogen halide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 16:39
S55	2	"4898558".pn. and oxygen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 16:45
S56	1	"4898558".pn. and tungsten near3 halogen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 16:47
S57	1	"4898558".pn. and tungsten near3 halogen and oxygen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 16:47

S58	1	"4898558".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/07/05 17:41
S59	1	"4898558".pn. and (volume percent "%")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/07/05 17:41
S60	15	(lamp luminaire).ab,ti. and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and (halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5).bi. and (inert rare helium neon argon krypton xenon).bi. near6 gas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 17:55
S61	15	(lamp luminaire).ab,ti. and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and (halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5).bi. and (inert rare helium neon argon krypton xenon).bi. near6 gas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 17:56

S62	15	(lamp luminaire).ab,ti. and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and (halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5 capsul\$6).bi. and (inert rare helium neon argon krypton xenon).bi. near6 gas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 17:57
S63	15	((lamp luminaire).ab,ti. and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and (halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5 capsul\$6).bi. and (inert rare helium neon argon krypton xenon).bi. near6 gas) and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and (halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 18:03

S64	6	<p>(((lamp luminaire).ab,ti. and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and (halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5 capsul\$6).bi. and (inert rare helium neon argon krypton xenon).bi. near6 gas) and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and (halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi.) and mole</p>	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 18:03
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S65	15	((lamp luminaire).ab,ti. and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and (halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5 capsul\$6).bi. and (inert rare helium neon argon krypton xenon).bi. near6 gas) and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and (halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 18:03
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S66	6	<p>(((((lamp luminaire).ab,ti. and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and (halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5 capsul\$6).bi. and (inert rare helium neon argon krypton xenon).bi. near6 gas) and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and (halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi.) and mole) and mole</p>	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 12:16
S67	6	<p>((lamp luminaire).ab,ti. and ((hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and (halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5) and (mix \$4mixture mixture blend\$4).bi. and (envelope bulb vessel\$5 capsul\$6).bi. and (inert rare helium neon argon krypton xenon).bi. near6 gas) and mole</p>	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/05 18:04



S68	37	(313/551).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/07/06 11:12
S69	134	(313/557).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/07/06 11:13
S70	242	(445/6).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/07/06 11:13
S71	103	(445/9).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/07/06 11:13
S72	148	(445/9,16).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/07/06 11:13
S73	94	(313/562).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/07/06 11:14
S74	0	((313/562).CCLS.) and silane	US-PGPUB; USPAT	OR	OFF	2004/07/06 11:14
S75	186	(445/55).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/07/06 11:15
S76	7	((445/55).CCLS.) and silane	US-PGPUB; USPAT	OR	OFF	2004/07/06 11:15
S77	2505	((313/578,579,637,545-548,643, 557,562,551,557) or (445/9,16, 55)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/06 11:21
S78	4	((313/578,579,637,545-548,643, 557,562,551,557) or (445/9,16, 55)).CCLS.) and ("SiH.sub."\$3) and (inert rare) near2 gas and (halogen\$6 halide)	US-PGPUB; USPAT	OR	ON	2004/07/06 11:22
S79	4	((313/578,579,637,545-548,643, 557,562,551,557) or (445/9,16, 55)).CCLS.) and ("SiH.sub."\$3) and (inert rare) near2 gas and (halogen\$6 halide)	US-PGPUB; USPAT	OR	ON	2004/07/06 11:22
S80	4	((313/578,579,637,545-548,643, 557,562,551,557) or (445/9,16, 55)).CCLS.) and ("SiH.sub."\$3) and (inert rare) near2 gas and (halogen\$6 halide)	US-PGPUB; USPAT	OR	ON	2004/07/06 11:22

S81	5	(Yu-thomas-h sheth-shailesh-r savarino-gino).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/06 14:03
S82	5	(Yu-thomas-h sheth-shailesh-r savarino-gino terburg-bart-p).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/05 11:07
S83	0	((Yu-thomas-h sheth-shailesh-r savarino-gino terburg-bart-p).in.) and (silane "SiH.sub."\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/06 14:05
S84	0	((Yu-thomas-h sheth-shailesh-r savarino-gino terburg-bart-p).in.) and (silicon)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/06 14:05
S85	351	(lpw lumen adj per adj watt "lm/W" "lm./W." luminous) near2 efficiency and tungsten and (halogen halide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/06 20:26
S86	310	(lpw lumen adj per adj watt luminous) near2 efficiency and tungsten and (halogen halide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/06 20:27
S87	41	((lpw lumen adj per adj watt "lm/W" "lm./W." luminous) near2 efficiency and tungsten and (halogen halide)) not ((lpw lumen adj per adj watt luminous) near2 efficiency and tungsten and (halogen halide))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:47
S88	4	((lpw lumen adj per adj watt "lm/W" "lm./W." luminous) near2 efficiency and tungsten and (halogen halide)) not ((lpw lumen adj per adj watt luminous) near2 efficiency and tungsten and (halogen halide)) ) and (silane "SiH.sub."\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/07 10:07
S89	2	"6200918".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/07 10:07

S90	1	"6200918".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/07/07 10:07
S91	1	"6200918".pn. and (mold\$6 mould\$5)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/07/07 10:08
S92	1	"6200918".pn. and (mold\$6 mould\$5) and (porous poros\$5)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/07/07 10:09
S93	1	"6200918".pn. and (mold\$6 mould\$5) and (porous poros\$5 pore)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/07/07 10:09
S94	26	((lpw lumen adj per adj watt "lm/W" "lm./W." luminous) near2 efficiency and tungsten and (halogen halide) and (silane "SiH. sub."\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/07 19:51
S95	26	((lpw lumen adj per adj watt "lm/W" "lm./W." luminous) near2 efficiency and tungsten and (halogen halide) and (silane "SiH. sub."\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/07 19:53
S96	26	((lpw lumen adj per adj watt "lm/W" "lm./W." luminous) near2 efficiency and tungsten and (halogen halide) and (silane "SiH. sub."\$2)) ) and (lpw lumen adj per adj watt "lm/W" "lm./W." luminous) near2 efficiency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/07 19:52
S97	0	((lpw lumen adj per adj watt "lm/W" "lm./W." luminous) near3 efficiency near3 (percent "%") and (halogen halide) and (silane "SiH. sub."\$2)) not (((lpw lumen adj per adj watt "lm/W" "lm./W." luminous) near2 efficiency and tungsten and (halogen halide) and (silane "SiH.sub."\$2)) ) and (lpw lumen adj per adj watt "lm/W" "lm./W." luminous) near2 efficiency )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/07 19:53
S99	72	(Yu near2 thomas sheth near2 shailesh savarino near2 gino terburg near2 bart).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 11:16

S10 0	7	(Yu near2 thomas sheth near2 shailesh savarino near2 gino terburg near2 bart).in.	US-PGPUB	OR	ON	2005/05/05 12:13
S10 1	3684	((313/578,579,545,548,561,643, 551,557,546,547,637,557,562) or (445/9,16,55)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/05 12:14
S10 2	7	S101 and (hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. and ((halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5) and (mix admixture mixture blend\$4 dispersion).bi. and (envelope bulb vessel\$5 capsul\$6 tube).bi. and ((inert rare) near3 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 12:35
S10 3	5	S101 and (hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. same ((halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5) and (mix admixture mixture blend\$4 dispersion).bi. and (envelope bulb vessel\$5 capsul\$6 tube).bi. and ((inert rare) near3 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 12:35

S10 4	5	S101 and (hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. same ((halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5) and (mix admixture mixture blend\$4 dispersion).bi. and (envelope bulb vessel\$5 capsul\$6 tube).bi. and ((inert rare) near3 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 12:35
S10 5	0	S101 and (hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. same ((halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5) same (mix admixture mixture blend\$4 dispersion).bi. and (envelope bulb vessel\$5 capsul\$6 tube).bi. and ((inert rare) near3 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 12:36
S10 6	5	S101 and (hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. same ((halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5) and (envelope bulb vessel\$5 capsul\$6 tube).bi. and ((inert rare) near3 gas helium neon argon krypton xenon).bi.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 12:36

S10 7	5	S106 and (hydride near3 silicon silane monosilane disilane trisilane tetrasilane "SiH.sub.4" "Si.sub.2 H.sub.6" "Si.sub.2H.sub.6" "Si.sub.3 H.sub.8" "Si.sub.3H.sub.8" "Si.sub.4 H.sub.10" "Si.sub.4H.sub.10" (mono di tri tetra) adj silane). bi. same ((halogen\$7 halid\$7 dibromomethane (hydrogen methyl) adj (bromide fluoride chloride iodide) bromoform chloroform fluoroform ioform iodoform) halosilane\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/05 12:36
S10 8	1	'4810221'.pn.	US-PGPUB; USPAT	OR	OFF	2005/06/01 19:14
S10 9	0	S108 and maintain\$4	US-PGPUB; USPAT	OR	OFF	2005/06/01 19:36
S11 0	172	john near2 shaffer.in.	US-PGPUB; USPAT	OR	OFF	2005/06/01 19:36
S11 1	172	john near2 shaffer.in.	US-PGPUB; USPAT	OR	OFF	2005/06/01 19:37
S11 2	10	S111 and silane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 19:37
S11 3	123	john near2 w near2 shaffer.in.	US-PGPUB; USPAT	OR	OFF	2005/06/01 19:37
S11 4	8	S113 and silane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/01 19:38
S11 6	1	"1944825".pn.	US-PGPUB; USPAT	OR	OFF	2005/06/01 19:49
S11 7	0	S116 and mass	US-PGPUB; USPAT	OR	OFF	2005/06/01 19:49
S11 8	0	S116 and density	US-PGPUB; USPAT	OR	OFF	2005/06/01 19:49
S11 9	2	S114 and density	US-PGPUB; USPAT	OR	OFF	2005/06/01 19:50
S12 0	2	S114 and (mass kg)	US-PGPUB; USPAT	OR	OFF	2005/06/02 11:53



S12 1	3689	((313/578,579,545,548,561,643) or (313/551,557) or (313/546, 547) or (313/637,557) or (445/9, 16,55) or (313/562)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/02 11:55
S12 2	0	("1andsilane with(density volumem asskg)").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/02 11:55
S12 3	4	S121 and silane near5 (density volume "vol." mass kg)	US-PGPUB; USPAT	OR	OFF	2005/06/02 11:56
S12 4	4	S121 and silane near5 (density volume "vol." mass kg)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/02 11:56
S12 5	4	S121 and silane near5 (density volume "vol." mass kg)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 11:56
S12 6	4	S121 and silane near5 (density volume "vol." mass kg mole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 11:57
S12 7	322984	lamp.ab,ti,clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 11:57
S12 8	4	S126 and silane near5 (density volume "vol." mass kg mole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 11:57